

ABSTRACT

The present invention is an improved tobacco hookah or water pipe, comprising a water reservoir, a smoke and vapor collection chamber, and a flexible hose through which smoke and vapor may be inhaled. In this improved hookah, water used to filter and cool smoke and vapor also serves to draw smoke and vapor into a smoke and vapor collection chamber using a hydraulic pressure gradient, also known as head, relieving an operator of the necessity of personally creating a vacuum or negative pressure needed to draw smoke and vapor into a smoke and vapor collection chamber, and capable of attaining substantially greater vacuum or negative pressure than is possible with ordinary inhalation. In addition this improved hookah permits an operator to control and vary the vacuum or negative pressure so created, so controlling the rate at which smoke and vapor is drawn into the hookah, and thus the rate and temperature of tobacco combustion. Following collection of a suitable quantity of smoke and vapor, water then serves to flush smoke and vapor from a smoke and vapor collection chamber, dispensing smoke and vapor for inhalation and relieving a smoker of the necessity of personally creating a vacuum or negative pressure to inhale a desired quantity of smoke and vapor, simultaneously preventing any undesired egress of smoke and vapor, and providing an operator with the ability to control the rate at which smoke and vapor is dispensed. This improved hookah provides for the collection and dispensing of a predetermined quantity of smoke and vapor which may be set and changed by an operator, allows for the repeatable collection and dispensing of substantially similar quantities of smoke in operation, and may be operated with any of a plurality of suitable smoke and vapor production devices.